## This Page Is Inserted by IFW Operations and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

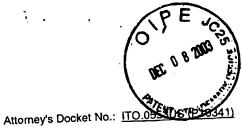
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



PATENT

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

which is claimed and	pint inventor (if plural for which a patent in	e inventor (if only one name is li al names are listed below) of t is sought on the invention entitled	he subject n	natter
	ANALOG PHA	ASE CHANGE MEMORY		
the specification of	which			
X wa	or PCT Internat and was amend	pplication Number 10/634,15 ional Application Number ded on(if applical	ble)	
enecification, Inclu	ging the claim(s), as	nd understand the contents of t amended by any amendment re		
hereby claim fore (d), of any foreign	eign priority benefits	all information known to me de of Federal Regulations, Section under Title 35, United States Co patent or inventor's certificate list plication for patent or inventor's	ode, Section	119(a)- d have
filing date before	hat of the application	patent or inventor's certificate had plication for patent or inventor's in on which priority is claimed:	certificate n	aving a
filing date before	hat of the application	n on which priority is claimed:	Priority Cla	imed
filing date before t  Prior Foreign App  Number	hat of the application	n on which priority is claimed:  (Day/Month/Year Filed)	Priority Cla	imed No
Prior Foreign App	hat of the application	(Day/Month/Year Filed)	Priority Cla Yes Yes	imed No
Prior Foreign App  Number  Number	lication(s):  (Country)  (Country)	(Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed)	Priority Cla Yes Yes Yes	imed No No
Prior Foreign App  Number  Number  Number	lication(s):  (Country)  (Country)	(Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) 35, United States Code, Section	Priority Cla Yes Yes Yes	imed No No
Prior Foreign App  Number  Number  Number  I hereby claim the States provisional	ication(s):  (Country)  (Country)  (Country)	(Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) 35, United States Code, Section d below:	Priority Cla Yes Yes Yes 119(e) of the	imed No No

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Number)	Filing Date	(Status-patented, pending, abandoned)
(Application Number)	Filing Date	(Status-patented, pending, abandoned)

I hereby appoint Timothy N. Trop, Reg. No. 28,994; Fred G. Pruner, Jr., Reg. No. 40,779; Dan C. Hu, Reg. No. 40,025; Howard R. Boyle, Reg. No. 29,617; Mark J. Rozman, Reg. No. 42,117; Rhonda L. Sheldon, Reg. No. 50,457; John A. Odozynski, Reg. No. 28,769; and Joseph C. Arrambide, Reg. No. 39,589, my patent attorneys, of TROP, PRUNER & HU, P.C., with offices located at 8554 Katy Freeway, Suite 100, Houston, TX 77024-1841, telephone (713) 468-8880, and Alan K. Aldous, Reg. No. 31,905; Shireen I. Bacon, Reg. No. 40,494: R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert Chang, Reg. No. 48, 765; George Chen, Reg. No. 50,807; Glen B. Choi, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; Issac Lin, Reg. No. 50,672; David C. Lundmark, Reg. No. 42,815; Anthony Martinez, Reg. No. 44,223; Larry Mennemeier, Reg. No. 51,003; Paul Nagy, Reg. No. 37,896; Dennis A. Nicholls, Reg. No. 42,036; Lanny Parker, Reg. No. 44,281; Michael D. Plimier, Reg. No. 43,004; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Paul E. Steiner, Reg. No. 41,326; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256; Michael Willardson, Reg. No. 50,856 and Charles K. Young, Reg. No. 39,435; my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408)765-8080; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to Customer No.:

21906

Timothy N. Trop TROP, PRUNER & HU, P.C. 8554 Katy Freeway, Suite 100 Houston, TX 77024 Please direct all telephone calls to Timothy N. Trop at (713) 468-8880.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: WARD D. PARKINSON	
Inventor's Signature:	Date: // - //- 0_3
Residence: BOISE, IDAHO	Citizenship: U.S.A.
Post Office Address: 1400 JOHNSON, BOISE, ID 83705	
Full Name of Second/Joint Inventor: ALLEN BENN	
Inventor's Signature:	Date: 11-14-03
Residence: ALEXANDRIA, VIRGINIA	Citizenship: U.S.A.
Post Office Address: 827 RIVERGATE PLACE, ALEXANDRIA, VA 22314	

ITO.0553US (P16341)